



Description

The **200504 Anti-Skid Floor Coating Additive** is a specially refined aggregate to provide a surface texture to floor/wall coatings and promote skid resistance of the dry coating.

Appearance

Rough or semi rough texture

Recommended with

To be used with HM-180C3P epoxy resins over CFRP (Carbon Fiber fabric applications)

Composition

Crystalline Silica/Pumice

Preparation

Use normal methods of cleaning surface, taping off and covering areas not intended to be affected or contaminated with coatings

**ONE Additive; TWO Methods
Two completely different uses**

When used with HM-180C3P Epoxy resin, the prior application of the HM-180 Primer and CFRP HM-30/60 Carbon fiber fabric must be complete, with final overcoat of fabric using the HM-180C3P Epoxy resin, and allowed to cure, usually less than 24hrs in moderate temperatures (above 50F) make sure to not allow moisture to be present between coatings, the following directions outline the 2 methods of application that can be used to have very different outcomes and final uses. **Non Slip floor** application and **Textured wall** application; Use the Rust-oleum 200504 (or similar silica/Pumice media).



(Smooth Shiny finish with notable sharp points) The Anti-Skid Non Slip Floor Coating Silica Additive for the NON SLIP FLOOR APPLICATION can be mixed directly into the epoxy resin.

Use up to three pounds of additive per gallon of coating. Stir the container frequently to ensure the additive does not settle out. Apply the coating by roller. Alternative applications for non slip floors, can be achieved by broadcasting/flinging by hand the additive over a freshly applied HM-180C3P Epoxy resin, then over coat and roll to incorporate silica additive into the epoxy. The second Broadcast/fling method does end up using more epoxy as the overcoat method does requires an additional amount of HM-180C3P Epoxy resin.



(Rough course finish NO shine) Textured wall application is a simple procedure of applying a topcoat over the previously completed CFRP installations making sure no moisture has accumulated and allowed to cure, usually less than 24hrs in moderate temperatures (above 50F), roll on this topcoat and hand fling the Silica Additive media on to the wet coat in an even manner

allowing for the extra media to fall to the floor, once enough media has stuck and the proper time has elapsed and epoxy has cured any excess media can be wiped/brushed off using a scotch pad or stiff brush. The final finish will be a rough but easy surface to paint, due to the grip afforded with high coverage of media. This surface **MUST** have a protective paint coating applied before traffic can be allowed to access, due to its nature of being more porous and trapping dirt, we suggest but **DONT** require the use of a high traffic Latex based coating as a final topcoat.

Once either method has been completed appropriate* coatings/paint may be applied, usually allow for 1-2 weeks for final curing of HM-180C3P. (*Refer to compatibility by manufacturer)



Precautions/warnings



ALWAYS USE PROPER PPE. Use proper ventilation when applying epoxy, If medical advise is needed have product container or label to hand medical adviser. Keep out of reach of children. Read label before use. Obtain instructions from website www.horse-construction.com before use. DO NOT handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after contact or handling. DO NOT eat, drink or smoke when using this product. Contaminated work clothes must not be allowed out of workplace. Wear protective gloves. Use PPE (Personal Protective Equipment) as required. IF ON SKIN: wash with plenty of soap and water. If exposed or concerned: get medical advice/attention. If skin irritation or rash occurs get medical advice/attention. Wash contaminated clothing before reuse. Store in locked area. Dispose of contents/container to an approved waste disposal

Polymer Anchoring Systems, Inc. DBA Horse Construction is NOT affiliated with the Rust-Oleum Corporation in any way, and takes NO responsibility for their products, Independent test of the 2 products were carried out together, however similar silica/pumice media may be used as long as its dry and a comparable composition.

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APPLICATION PROCEDURE



1

Mix into to HM180C3P epoxy, make sure to stir constantly



2

Pour into paint roller tray be sure to stir constantly



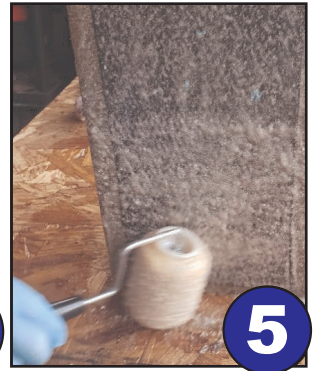
3

Roll on multiple layers



4

Continue to add layers to build up media layers



5

Can roll in multiple directions to achieve more texture



6

Optional can apply additional media after to achieve more texture



7

Allow to cure and Finish with rolling 4th coat to cover the media

SHINY/SHARP for floors



Leaves a shiny smooth surface but has good non slip properties, is sharp to the touch NOT recommended for walls

x8

Leaves a coarse but rough finish, great for preparing for final Latex based high traffic paint coatings NOT recommended for floors



May use HM-180CE Leveling adhesive/Mastic to fill in gaps that may result in uneven or multiple layers of CFRP fabric strips, allow to cure prior to final coats of HM-180C3p

ROUGH/COURSE BEST for wall texture



1

Use the Rust-oleum 200504 or similar non skid media



2

Roll HM180C3P topcoat providing ample coating and make sure is wet



3

Hand fling or use machine to distribute evenly the media to make attractive texture



4

Allow for the epoxy to cure



5

Sand or rub of all excess media, MUST be painted with topcoat, we suggest Latex based, high endurance, high traffic paint coatings